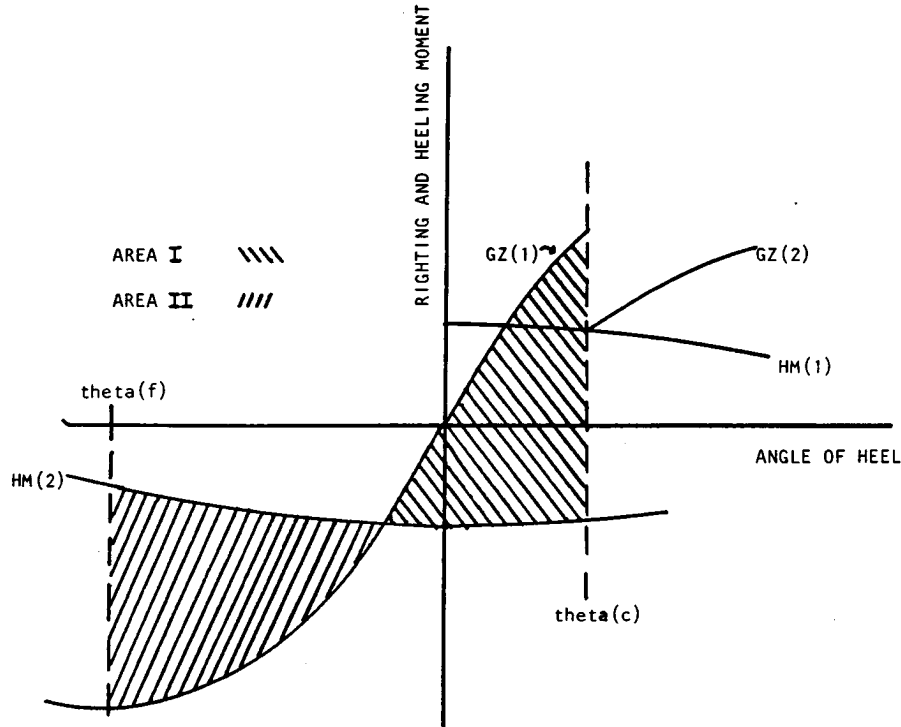


GRAPH 173.025



Where—

GZ(1) is the righting arm curve at the displacement corresponding to the vessel without hooking load.

GZ(2) is the righting arm curve at the displacement corresponding to the vessel with hook load.

HA(1) is the heeling arm due to the combined heeling moments of the hook load and the counterballast at the displacement with hook load.

HA(2) is the heeling arm due to the counterballast at the displacement without hook load.

Theta(c) is the angle of static equilibrium due to the combined hook load and counterballast heeling moments.

Theta(f) is the downflooding angle on the counterballasted side of the vessel.

[CGD 79-023, 48 FR 51045, Nov. 4, 1983, as amended by CGD 85-080, 61 FR 945, Jan. 10, 1996]

### Subpart C—School Ships

#### § 173.050 Specific applicability.

Each nautical school ship, inspected under Subchapter R of this chapter, must comply with this subpart.

#### § 173.051 Public nautical school ships.

Each public nautical school ship must comply with—

- (a) Section 171.070(a) of this subchapter as a passenger vessel carrying 400 or less passengers;
- (b) Section 171.070(e) of this subchapter;
- (c) Section 171.072 of this subchapter; and
- (d) Section 171.073 of this subchapter.

[CGD 79-023, 48 FR 51045, Nov. 4, 1983. Redesignated by CGD 83-005, 51 FR 924, Jan. 9, 1986]